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DATE: March 22, 2000

RECIPIENT INFORMATION	SENDER INFORMATION
To: Ms. Paulene Farrier	From: Karen Deloatch Secretary to Robin Teskin
Voice Tel. No.: 703-305-3739	Voice Tel. No.: 703-838-6603
Fax Tel. No.: 703-305-3230	Sent By:
Your Ref.:	Our Ref.: 020600-283
	Total Pages 8 (Incl. This Cover Page):

RE: 09/462,408

**MESSAGE:**

Per our telephone conversation of today, attached are copies of Authorization to Charge papers in connection with the above-identified application. Please feel free to contact me at 703-838-6603 if any questions arise.

Your assistance in this matter is greatly appreciated.

**NOTE:** The information contained in this facsimile message is attorney-client privileged and contains confidential information intended only for the use of the person(s) named above and others expressly authorized to receive it. If you are not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this message is prohibited and you are asked to notify us immediately by telephone and to return this message to us by mail without copying it.

Any questions regarding compatibility should be directed to our Office Services Department at +1.703.836.6620.

FORM-PTO-1380  
(Rev. 10-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

020600-283

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

09/462,408

INTERNATIONAL APPLICATION NO.  
PCT/GB98/02048INTERNATIONAL FILING DATE  
13 July 1998PRIORITY DATE CLAIMED  
11 July 1997TITLE OF INVENTION  
CHARACTERISING NUCLEIC ACIDSAPPLICANT(S) FOR DO/EO/US  
Günter SCHMIDT, Andrew Hugin THOMPSON


Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and the PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

Small Entity Declaration - Small Business Concern  
Authorization to Charge Deposit Account

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.50) <b>09/462,408</b>		INTERNATIONAL APPLICATION NO. <b>PCT/GB98/02048</b>		ATTORNEY'S DOCKET NUMBER <b>020600-283</b>	
17. <input checked="" type="checkbox"/> The following fees are submitted:				<b>CALCULATIONS</b>	PTO USE ONLY
<b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b>  Search Report has been prepared by the EPO or JPO ..... \$840.00 (970)  International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$670.00 (956) No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$690.00 (958)  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$970.00 (960)  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... \$96.00 (962)  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>\$ 840.00</b>	
Surcharge of \$130.00 (154) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).      20 <input type="checkbox"/> 30 <input type="checkbox"/>				<b>\$ 0.00</b>	
Claims	Number Filed	Number Extra	Rate		
Total Claims	26 -20 =	6	X\$18.00 (966)	\$ 108.00	
Independent Claims	5 -3 =	2	X\$78.00 (964)	\$ 156.00	
Multiple dependent claim(s) (if applicable)			+ \$260.00 (968)	\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 1104.00</b>	
Reduction for 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).				<b>\$ 552.00</b>	
<b>SUBTOTAL =</b>				<b>\$ 552.00</b>	
Processing fee of \$130.00 (156) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).      20 <input type="checkbox"/> 30 <input type="checkbox"/> +				<b>\$ 0.00</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 552.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (581) per property +				<b>\$ 0.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 552.00</b>	
				Amount to be: refunded	\$
				charged	<b>\$552.00</b>
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div style="width: 45%;"><p>Samuel C. Miller, II BURNS, DOANE, SWECKER &amp; MATHIS, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404</p></div><div style="width: 45%; text-align: right;"><div style="margin-bottom: 10px;"> _____ SIGNATURE</div><div style="margin-bottom: 10px;">Robin L. Teskin _____ NAME</div><div>35,030 _____ REGISTRATION NUMBER</div></div></div>					

Patent  
Attorney's Docket No. 020600-283

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Günter SCHMIDT et al.	)	
Application No.: 09/462,408	)	Group Art Unit: Unassigned
Filed: January 10, 2000	)	
For: CHARACTERISING NUCLEIC ACIDS	)	Examiner: Unassigned
	)	
	)	
	)	
	)	

**AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:


The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. 1.492(a)(1)-(5) that may be required, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: February 24, 2000

By: \_\_\_\_\_

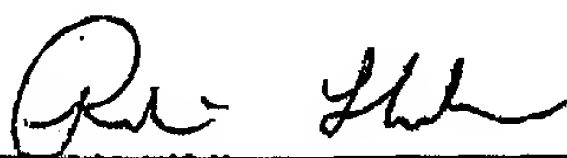
  
Robin L. Teskin  
Registration No. 35,030

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Serial No. 09/462,408  
Attorney Docket No. 020600-283

### Certificate of Transmission

I hereby certify that the foregoing Transmittal Letter to the U.S.  
Designated/Elected Office (second submission), Authorization to Charge Deposit  
Account, and Small Entity Declaration is being facsimile transmitted to the U.S.  
Patent and Trademark Office on February 24, 2000.



Robin L. Teskin

Typed name of person signing certificate